

playing time of \*\*karaoke\*\* songs; Toshiki Nakai, et al., 434/307A;  
\*\*84/609\*\*; 434/308 [IMAGE AVAILABLE]

#3

3. 5,484,291, Jan. 16, 1996, Apparatus and method of playing \*\*karaoke\*\*  
accompaniment; Toshiki Nakai, et al., 434/307A; \*\*84/610\*\*; 386/102;  
434/318 [IMAGE AVAILABLE]

=> d his

(FILE 'USPAT' ENTERED AT 15:34:54 ON 15 JUN 1998)

L1 113 S 84/CLAS AND (MOD OR MODS)  
L2 15 S 84/CLAS AND MIDI AND KARAOKE AND PCM AND FILE#  
L3 3 S L2 AND MIDI KARAOKE FILE#

=> d 1-3

1. 5,589,947, Dec. 31, 1996, \*\*Karaoke\*\* system having a plurality of  
terminal and a center system; Masuhiro Sato, et al., 386/96; \*\*84/645\*\*;  
348/13; 386/98, 102 [IMAGE AVAILABLE]

2. 5,494,443, Feb. 27, 1996, \*\*Karaoke\*\* system and method of managing  
playing time of \*\*karaoke\*\* songs; Toshiki Nakai, et al., 434/307A;  
\*\*84/609\*\*; 434/308 [IMAGE AVAILABLE]

3. 5,484,291, Jan. 16, 1996, Apparatus and method of playing \*\*karaoke\*\*  
accompaniment; Toshiki Nakai, et al., 434/307A; \*\*84/610\*\*; 386/102;  
434/318 [IMAGE AVAILABLE]

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CLAIMS:

CLMS (1)

What . . . .

m;

h. means for reading from the second memory values of the sinusoidal wave function at the respective address points  $PQ \bmod N$ , where  $Q = 0, 1, \dots, N$ , to produce read-out signals;

i. second multiplication means for multiplying the. . . .

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L1 113 S 84/CLAS AND (MOD OR MODS)

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\* \* \* \* \*  
\* W I T N E S S E S  
\* U. S. E N T E R T A I N M E N T  
\* \* \* \* \*

=> s 84/clas and topolog?  
27885 84/CLAS  
16381 TOPOLOG?  
L1 12 84/CLAS AND TOPOLOG?

=> d 11 1- pno

1.	5,754,095	[IMAGE AVAILABLE]
2.	5,728,963	[IMAGE AVAILABLE]
3.	5,614,686	[IMAGE AVAILABLE]
4.	5,604,323	[IMAGE AVAILABLE]
5.	5,471,007	[IMAGE AVAILABLE]
6.	5,448,010	[IMAGE AVAILABLE]
7.	5,212,334	[IMAGE AVAILABLE]
8.	4,984,276	[IMAGE AVAILABLE]
9.	4,915,001	[IMAGE AVAILABLE]
10.	4,843,627	[IMAGE AVAILABLE]
11.	4,659,996	[IMAGE AVAILABLE]
12.	4,468,997	[IMAGE AVAILABLE]

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